

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/085,598
Filing Date	February 26, 2002
First Named Inventor	Hongfeng Yin
Art Unit	1723
Examiner Name	Ernest G. Therkorn
Attorney Docket Number	10010924-1

Mail Stop **Amendment****ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> <b>No fee due</b> <input checked="" type="checkbox"/> <b>Fee Transmittal</b> <input type="checkbox"/> Fee(s) due <input type="checkbox"/> Fee Transmittal <input type="checkbox"/> Charge the total fee(s) due of \$* to Deposit Account No. 50-1078 <input checked="" type="checkbox"/> <b>Charge any underpayment or credit any overpayment to Deposit Account No. 50-1078</b> <input checked="" type="checkbox"/> <b>Return postcard</b> <input checked="" type="checkbox"/> <b>Amendment/Reply</b> <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement & Form(s) PTO-1449 <input type="checkbox"/> Copy(ies) of cited reference(s) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts / Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s):	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks:</b> <b>The Commissioner is hereby authorized to charge any additional or underpayment of fee(s) to Deposit Account No. 50-1078.</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Name (print/type)	Harry G. Thibault	Registration No. (Attorney/Agent)	26,347	Telephone	(650) 330-0900
Signature				Date	January 13, 2005

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 13, 2005.

Name (print/type)	Joe Clark	Date	January 13, 2005
Signature			



R&amp;E No. 5000-0064

PTO/SB/17 (10-04)

Approved for use through 07/31/2006 OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FREE TRANSMITTAL**  
**for FY 2005**

Effective 10/01/03. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** \$0.00**Complete if Known**

Application Number	10/085,598
Filing Date	February 26, 2002
First Named Inventor	Hongfeng Yin
Examiner Name	Ernest G. Therkorn
Group Art Unit	1723
Attorney Docket No.	10010924-1

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account No. 50-1078

Deposit Account Name Agilent Technologies, Inc.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Charge any underpayment or credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					\$

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
28	0		
5	0		

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claim in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** \$

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

\$

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type) Harry G. Thibault

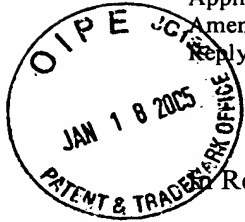
Registration No. (Attorney/Agent) 26,347

Telephone

Signature

Date

January 13, 2005



Application No. 10/085,598  
Amendment dated January 13, 2005  
Reply to Office Action of October 14, 2004

1723 ITW  
Atty Dkt No. 10010924-1  
Reed IP No. 5000-0064

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Application of:  
Hongfeng YIN et al.

Confirmation No.: 7083

Serial No.: 10/085,598 ✓

Group Art Unit: 1723

Filing Date: February 26, 2002

Examiner: Ernest G. THERKORN

Title: MOBILE PHASE GRADIENT GENERATION MICROFLUIDIC DEVICE

**AMENDMENT UNDER 37 CFR § 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated October 14, 2004, please amend the above-identified application as follows.

**Amendments to the Specification** begin on page 2 of this document.

**Amendments to the Claims** are reflected in the listing of the claims which begins on page 6 of this document.

**Remarks** begin on page 12 of this document.